

#6-3318 TWIN BAG GRASS CATCHER KIT for SNAPPER 28" & 33" REAR ENGINE RIDERS & 33" LAWN TRACTORS

This grass catcher kit fits Lawn Tractors with 33" Decks and Rear Engine Riders with 28" & 33" Decks. On Series "A" & Later Lawn Tractors, Adapter Kit #6-1334 must be installed before this grass catcher can be installed. On Series "0-2" Lawn Tractors, Adapter Kit #6-1068 must be installed before this grass catcher can be installed. Install adapter kit as described by instructions provided with kit.

WARNING

DO NOT attempt any maintenance, adjustments, service, or repairs with engine running. STOP engine. STOP blade. Set park brake. Remove key. Remove spark plug wire and secure away from spark plug. Engine and components are HOT. Avoid burns, allow sufficient time to cool.

STEP 1: Bumper Support Bracket & Muffler Guard Installation (Riders Only)

Remove the muffler mounting screw and the two screws from the R.H. side of the standup bumper. Install the bumper support bracket and muffler guard against the standup bumper. Align the holes and reinstall screws; tighten securely. See Figure 1.

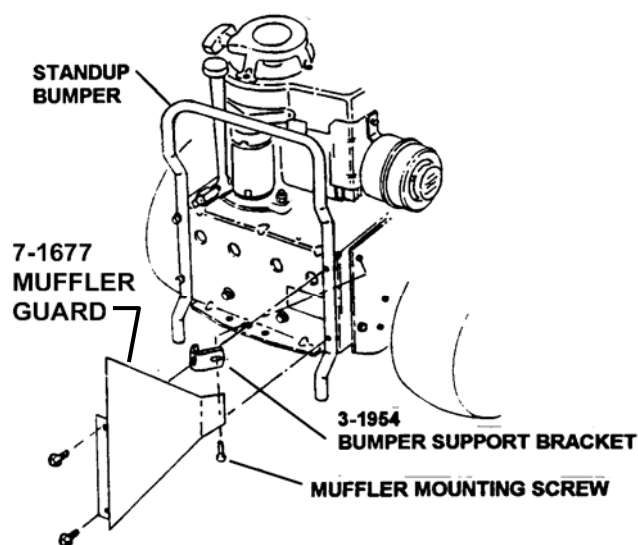


FIGURE 1

STEP 2: Removal Of Deflector

Remove wing nut, flat washer and bolt from deck (save for use in step 4). (Riders) Flip up deflector, do not remove. (Tractors) Remove the hinge nut, spring and hinge pin from deflector. Remove deflector. Save for future use when not bagging grass. See Figure 2.

STEP 3: Air Lift Installation

An optional Air Lift Kit 6-1777 has been included with this grass catcher and may be installed to enhance bagging performance in certain conditions. The air lifts can be installed by reaching through the discharge opening or by removing the blade. Attach one air lift to each end of the blade using the hardware and instructions provided in the kit. Be certain to install lifts on both ends of blade. Torque nuts and bolts on air

lifts to 20 to 30 ft. lbs. Torque blade retaining hardware to 45 to 55 ft. lbs. See Figure 3.

NOTE: Not all original equipment or accessory blades will accept the Air Lift Kit. Contact an authorized dealer if you have questions.

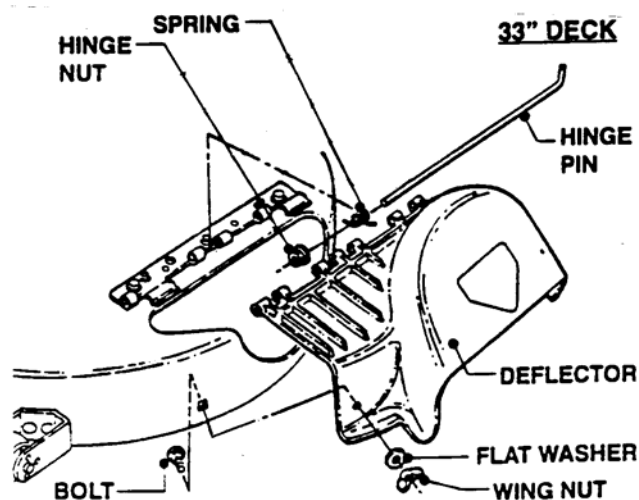


FIGURE 2

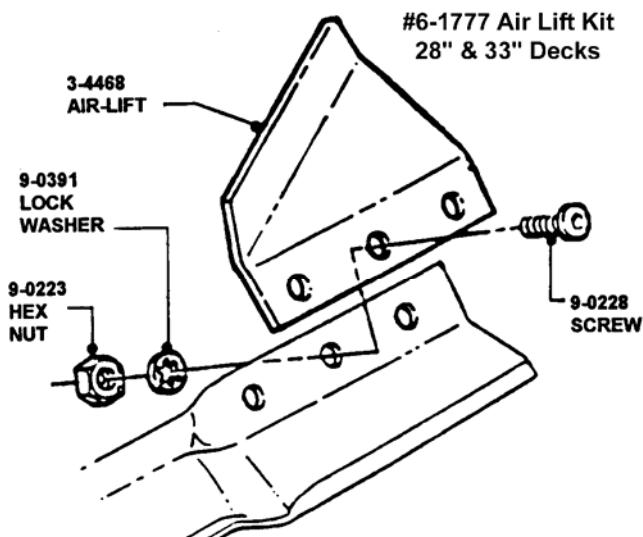


FIGURE 3

WARNING

The cutting blades and the edges of the cutting deck are extremely sharp and can cause severe injury. Always wear heavy leather gloves when working around cutting blades and the cutting deck.

INSTRUCTION No. 7-5438 (I.R. 1/31/03)

WARNING
 DO NOT operate machine without entire grass catcher or guards in place.

STEP 4: ADAPTER INSTALLATION

Hold the adapter in front of the deck. Align the adapter lugs with the hinge lug retainers, then push the adapter to the rear. Loosen bolts (see Figure 4) & bump the adapter, if necessary, to force the lugs under the lug retainers. Secure the adapter to the deck with the previously removed bolt, flat washer and wing nut (from step 2). Tighten bolts. See Figure 4.

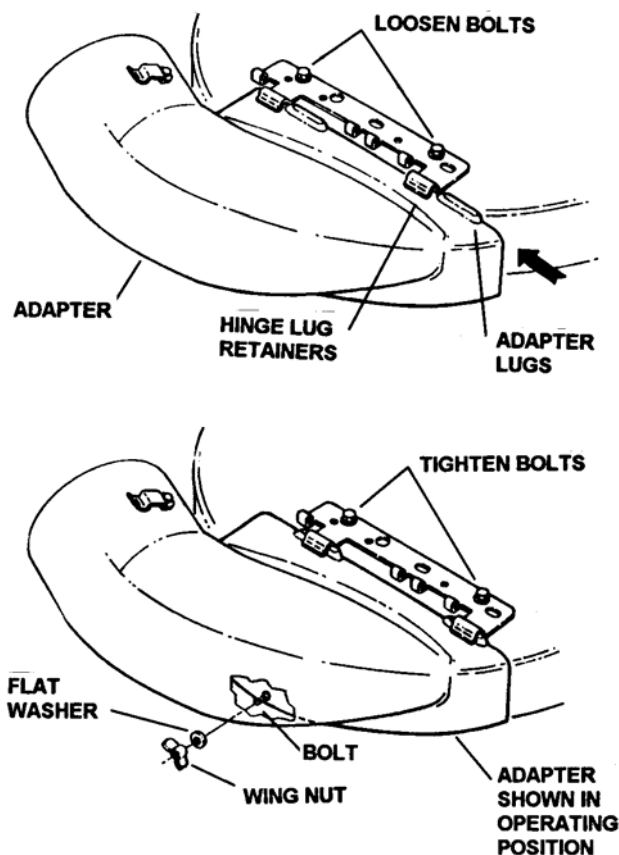


FIGURE 4

STEP 5: Cover Hood Assembly. Install sector to the inside of cover using (3) 1/4 x 3/4" carriage bolts, 1/4 flat washers and 1/4 hex nuts. Slide screen into cover. Install inlet onto cover using (5) 1/4 x 1/2" carriage bolts and 1/4 hex flange nuts. See Figure 5.

STEP 6: Cover/Frame Installation. Lower cover/frame assembly onto bumper and secure with clevis pins and hair pins. See Figure 6.

STEP 7: Lift cover up for access to frame. Attach center brace to cover/frame with clevis pin and hair pin. Rotate center brace up and hook into adapter bracket. See Figure 7.

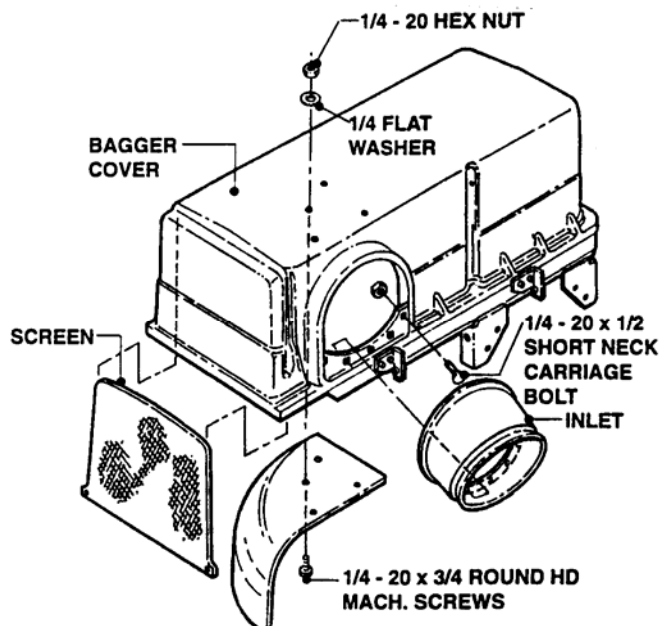


FIGURE 5

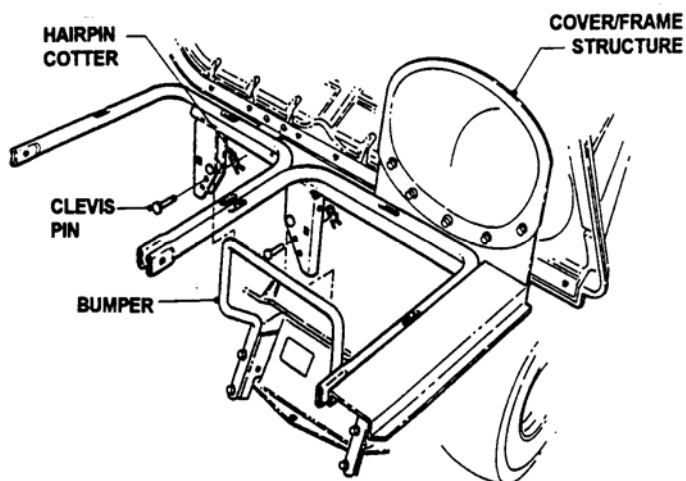


FIGURE 6

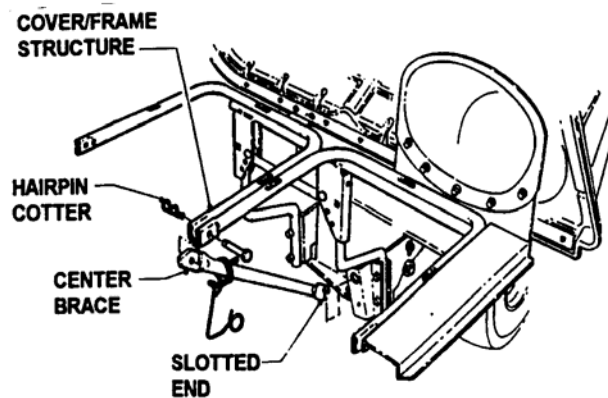


FIGURE 7

STEP 8: Bag Installation. Insert both grass bags onto frame. Make sure the grass bag frame notches fit into the frame recesses. See Figure 8.

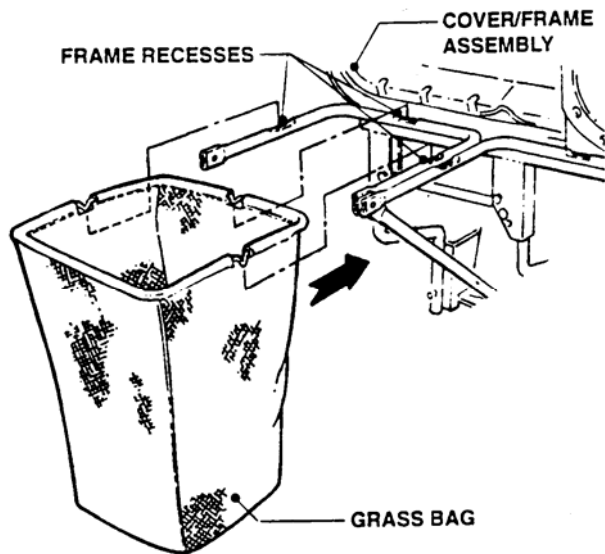


FIGURE 8

STEP 9: Bag Installation. Lower cover assembly onto frame. Lift up hook and insert it into hole in cover plate. See Figure 9

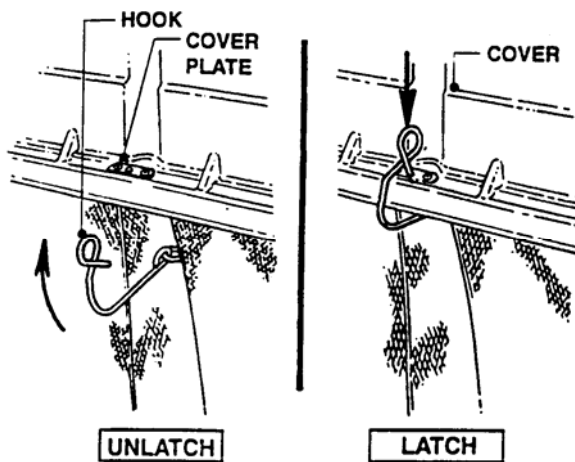


FIGURE 9

STEP 10: Grass Tube Installation

Slide upper end of grass tube into opening of cover/frame structure. Slide lower end of grass tube over adapter end and rotate tube towards mower to secure handle hook under latch. See Figure 10.

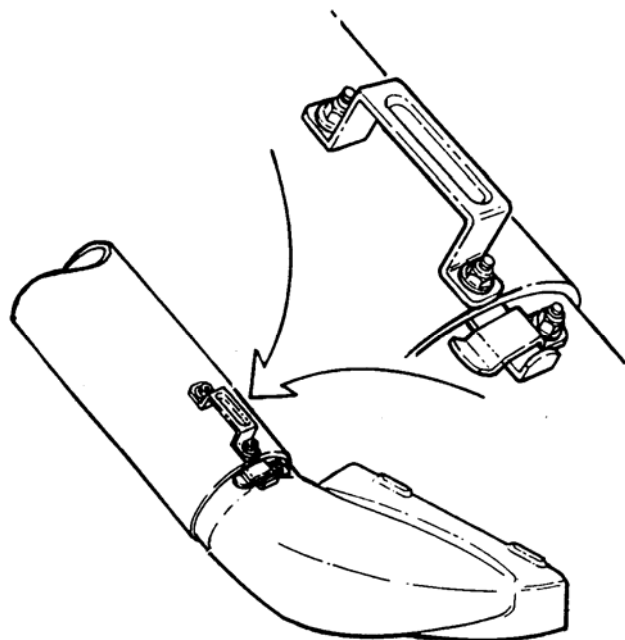


FIGURE 10

STEP 11: WEIGHT PLATE INSTALLATION (REAR ENGINE RIDER ONLY)

IMPORTANT: Some model Riders may require the two mounting holes to be drilled in the front frame. Refer to Step 12 for drilling instructions. The mounting holes in other models may be covered by the SNAPPER label. Attach the nine (9) weights to the front frame using 3/8-16 x 2-1/4" hex cap screws, flat washers, 3/8" split lock washers and 3/8-16 hex nuts. Tighten nuts and bolts securely. See Figure 11.

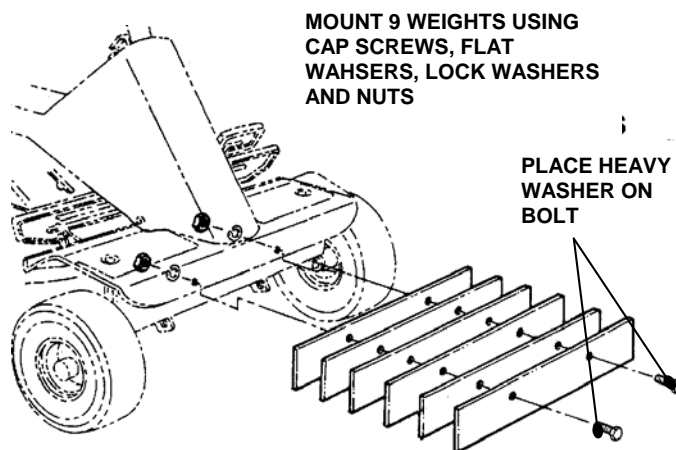


FIGURE 11



WARNING



Weight Plates must be installed before operating the machine with a grass catcher kit. Grass catchers and other attachments affect the handling and stability of the machine. Use extra care. Refer to the Operator's Manual for IMPORTANT SAFETY INSTRUCTIONS

STEP 12 DRILL MOUNTING HOLES (SERIES M RIDERS ONLY)

Measure and mark the location of the two holes using dimensions shown. See Figure 12. Drill two 13/32" holes. Attach weight plates. Refer to Step 11.

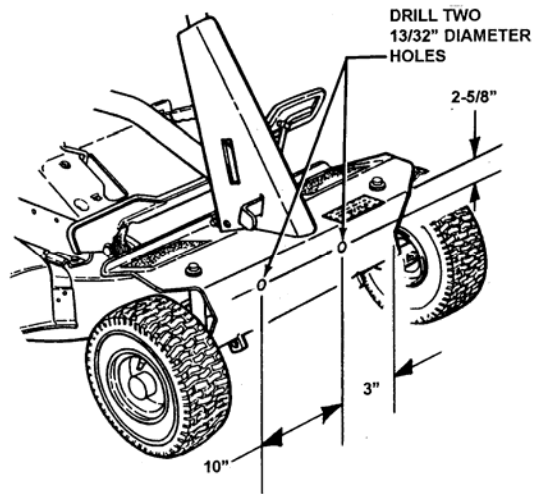
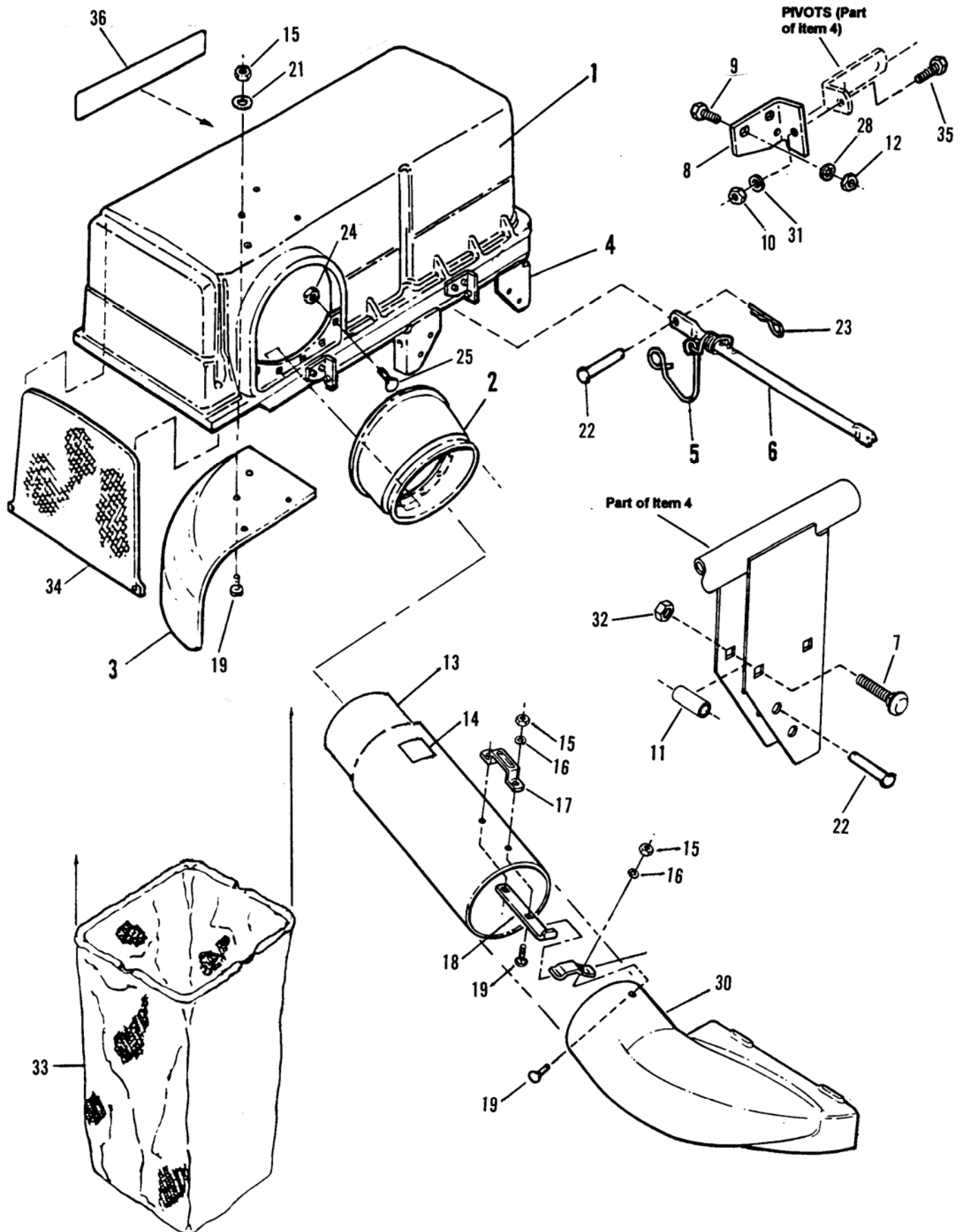


FIGURE 12

TWIN BAG GRASS CATCHER ILLUSTRATION



TWIN BAG GRASS CATCHER PARTS LIST

ITEM	PART NO.	DESCRIPTION
1	5-3668	COVER Assembly
2	1-9966	INLET
3	1-9725	SECTOR (Inside top baffle)
4	5-9951	MOUNTING Assembly (Includes following indented item)
-	3-6263	HOLDER, Inlet
5	5-1407	SPRING & Hook Assembly
6	3-6073	BRACE
7	9-1612	BOLT, 5/16-18 x 1-1/2" Carriage (2)
8	3-8087	HINGE, Top (2)
9	9-1611	SCREW, 1/4-28 x 3/4 Hex Head Cap (4)
10	9-1606	NUT, 5/16-24 Hex Center Lock (2)
11	2-3797	PAD, Bumper (2)
12	9-1605	NUT, 1/4-28 Hex (4)
13	1-4517	TUBE, Grass
14	1-1910	DECAL, Caution
-	6-0589	BAG, Hardware (Includes following indented items)
15	9-1576	NUT, 1/4-20 Hex (3)
16	9-1314	WASHER, 11/32" (3)
17	3-7745	HANDLE, Tube
18	3-1952	BASE, Tube Handle
19	9-1530	BOLT, 1/4-20 x 3/4" Carriage (4)
20	3-1951	LATCH, Tube Chute
21	9-1294	WASHER, 1/4 Flat (Gr. 5) (4)
22	2-9841	PIN, 5/16 x 11/16" Clevis (3)
23	9-1503	PIN, 3/32 x 1-1/2" Hair (3)
24	9-1545	NUT, 1/4-20 Flange Lock (5)
25	9-1604	BOLT, 1/4-20 x 1/2 Short Neck Carriage (5)
26	3-1954	BRACKET, Bumper Support (Shown on Page 1)
27	9-1614	SCREW, 1/4-20 x 1/2 (4)
28	9-1314	WASHER, 1/4 Internal Tooth Lock (4)
29	7-1677	GUARD, Muffler (Shown on Page 1)
30	5-3669	ADAPTER
31	9-1315	WASHER, 5/16 Split Lock (2)
32	9-1575	NUT, 5/16-18 Hex Center Lock (2)
33	5-1930	ASSEMBLY, Bag (Includes Indented Items)
--	1-9250	BAG, Grass Catcher (2)
--	1-9965	ROD, Bag Support
--	1-4456	CONNECTOR
34	5-7652	ASSEMBLY, Screen (Includes Indented Items)
--	1-9731	SCREEN
--	1-9732	FRAME, Screen
35	9-0238	SCREW, 5/16-24 x 1 Hex Head Cap (2)
36	1-9295	DECAL, SNAPPER
--	6-1777	KIT, Air Lift (Includes Indented Items)
37	3-4468	LIFTS, Air (2) (Shown on Page 1)
38	9-0223	NUT, 5/16-24 Hex (6) (Shown on Page 1)
39	9-0228	SCREW, 5/16-24 x 21/32 Machine (6) (Shown on Page 1)
40	9-0391	WASHER, 5/16 Internal Tooth Lock (6) (Shown on Page 1)
--	7-2416	WEIGHT, Front Frame (9) (Rider only) (Shown on page 2)
--	9-1976	SCREW, 5/8-11 x 1-3/4 Hex Cap (2) (Rider only) (Shown on page 2)
--	9-1320	WASHER, 3/8 Split Lock (2) (Rider only) (Shown on page 2)
--	9-0537	NUT, 5/8-11 Hex (2) (Rider only) (Shown on page 2)
--	9-1560	SCREW, 3/8-16 x 2-1/4" Hex Cap (2) (Rider only) (Shown on page 3)
--	9-1320	WASHER, 3/8 Split Lock (2) (Rider only) (Shown on page 3)
--	9-1302	NUT, 3/8-16 Hex (2) (Rider only) (Shown on page 3)
--	2-1746	WASHER, Thick

GRASS CATCHER OPERATION

Your Grass Catcher equipped SNAPPER machine will keep your lawn cleaner than it would be by raking or using any other vacuum method. The Hi-Vac models, which feature a patented rolled-lip deck design, will do an excellent job of vacuuming and bagging grass clipping, leaves, litter, and even hard to pick-up pine straw. Following are some hints for using the grass catcher.

- Grass clippings and litter are picked up by the vacuum created by the cutter blade and blown into the bag by the air blast coming from the blade. The vacuum and air blast must be sufficient to handle the material you want to collect.
- Light, dry clippings may be put into the bag by using the standard cutter blade and mowing at normal speeds.
- Heavier, more lush material will require more suction and air blast. Run engine faster and slow down the forward speed of the mower.
- Very heavy, lush grass, matted leaves or pine straw will require the entire vacuum and blast you can give it. Run the engine at top speed and the mower at its slowest forward speed. Take less than a full swath under most severe conditions.
- For maximum lift, the cutter unit should be set about 2 1/2" to 3" high. The heavier the litter to be picked up, the higher the unit should be set. Make more than one pass over the area to be cleaned, if needed.
- Normally, it is best to mow or clean by operating in a clockwise direction. However, if litter is matted and heavy, make the first pass in a counterclockwise direction. As material is picked up on the left side of the cutter unit, it will more easily enter the chute and go into the bag.
- The vacuum action of the blade will pick up dust unless the grass is very thick or the ground is wet. Be prepared for this dust storm. You can minimize it if you learn to operate the cutter blade at the lowest speed that will put the clippings and litter in the bag. Because of the dust, your engine air cleaner should be serviced more frequently than usual.
- Never fertilize with dry-type fertilizer just before mowing. The vacuum action will pick up most of the fertilizer and put it in the bag, where it will do very little good for your lawn.
- DO NOT be afraid to experiment with different blade speeds, cutter unit heights, and forward speeds until you have learned how to make your SNAPPER machine operate best under YOUR conditions.

Some mower operator's prefer to place a rigid piece of cardboard or plywood in the bottom of the bag for additional ground clearance and easier handling. If you desire this feature, the dimensions should be 1/8" to 3/8" thick, 15" wide by 35" long with a 4" radius on the corners.

SNAPPER®McDonough, GA., 30253 U.S.A.

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